



Written Report Rubric 100 Points

Abstract: One paragraph explaining the main points of the report. (Max 5)

- 5: Well-written paragraph which summarizes all main points of the report.
- 3: Paragraph has significant grammatical errors, **or** neglects to include key aspects of the report.
- 1: Paragraph has significant grammatical errors, **and** neglects to include key aspects of the report

Introduction: Explains background information about the NES Challenge Project.
(Max 20)

- 20: Clearly states the historical background for the NES Challenge Project, and explains how the project relates to NASA efforts to return to the moon.
- 15: Clearly states the historical background for the NES Challenge Project, and explains how the project relates to NASA efforts to return to the moon. However, significant grammatical errors distract from the work.
- 10: Does not state the historical background for the NES Challenge Project, **or** does not explain how the project relates to NASA efforts to return to the moon.
- 5: Does not state the historical background for the NES Challenge Project, **and** does not explain how the project relates to NASA efforts to return to the moon.
- 1: Final report does not include an introduction.

Description of the Project: Explain the project in detail. (Max 30)

- 30: States the question being asked by the NES Challenge Project, and why that question is important. Thoroughly explains the procedure followed to answer the question, including an explanation of the materials and equipment used.
- 25: States the question being asked by the NES Challenge Project, & why that question is important. Thoroughly explains the procedure followed to answer the question, including an explanation of the materials and equipment used. However, significant grammatical errors distract from the work.
- 20: Final report does not state the question and its importance, **or** does not explain the procedure followed and the materials and equipment used.

- 10: Final report does not state the question and its importance, **and** does not explain the procedure followed and the materials and equipment used.
- 5: Final report does not include a description of the project.

Data: Description of the measurements that were made and additional data that were used. (Max 20)

- 20: Thoroughly explained measurements and how they were made. Explained how measurements were recorded and analyzed, and explained how measurements helped answer the NES Challenge Project question. Included tables, charts and/or graphs to help explain the measurements.
- 15: Thoroughly explained measurements and how they were made. Explained how measurements were recorded and analyzed, and explained how measurements helped answer the NES Challenge Project question. However, tables, charts and/or graphs are lacking or of poor quality, or significant grammatical errors distract from work.
- 10: Does not explain measurements and how they were made, **or** does not explain how measurements were recorded and analyzed.
- 5: Does not explain measurements and how they were made, **and** does not explain how measurements were recorded and analyzed.
- 1: Final report does not include a data section.

Conclusions: Draw conclusions from your work. (Max 20)

- 20: Explains what was learned through completion of the NES Challenge Project. States additional questions which have resulted from the completion of the project, and states the difficult part of the project. Explains next steps, or portions which you would do differently if you were to do the project again.
- 15: Explains what was learned through completion of the NES Challenge Project. States additional questions which have resulted from the completion of the project, and states the difficult part of the project. Explains next steps, or portions which you would do differently if you were to do the project again. However, significant grammatical errors distract from the work.
- 10: Does not explain what was learned and state additional questions which have resulted, **or** does not state the most difficult portions of the project and what would be done differently next time.
- 5: Does not explain what was learned and state additional questions which have resulted, **and** does not state the most difficult portions of the project and what would be done differently next time.
- 1: Final report does not include a conclusions section.

References: List all references used in the project. (Max 5)

- 5: Utilized a correct method to document references, and included a references section at the end of the final report.
- 3: Did not utilize a correct method to document references, **or** did not include a references section at the end of the final report.
- 1: Did not utilize a correct method to document references, **and** did not include a references section at the end of the final report.